

FIG. 1

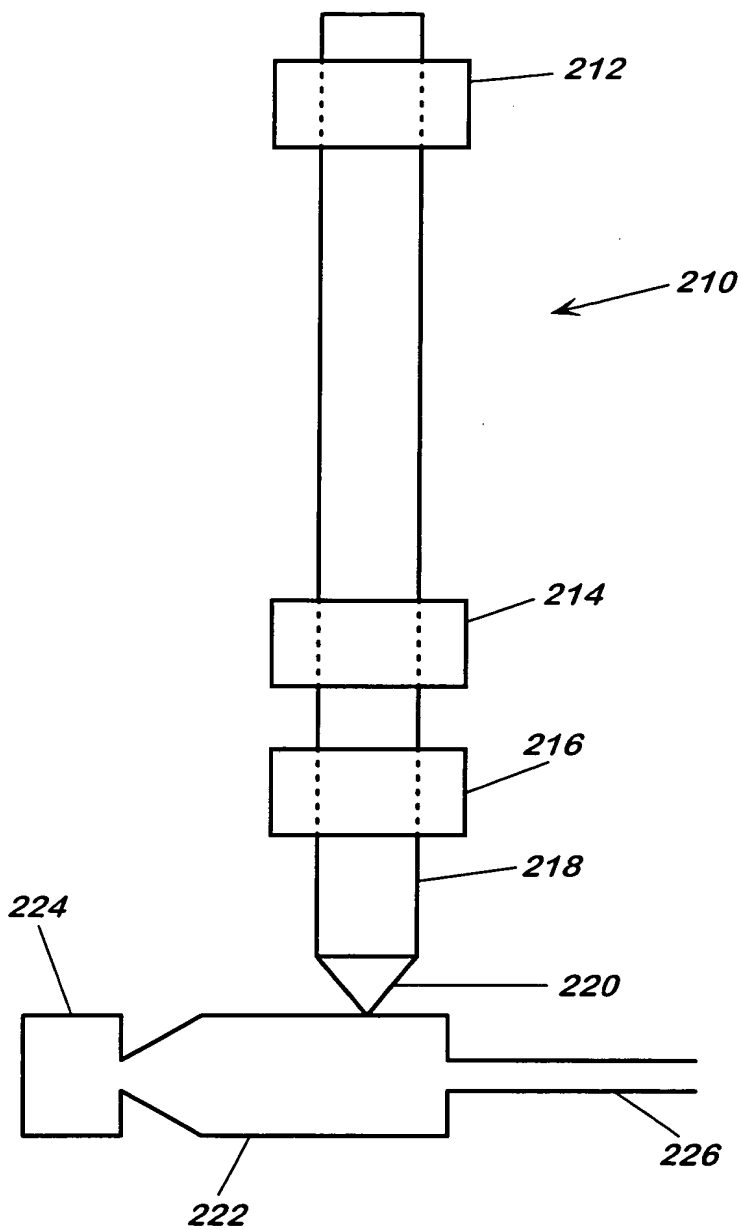


FIG. 2

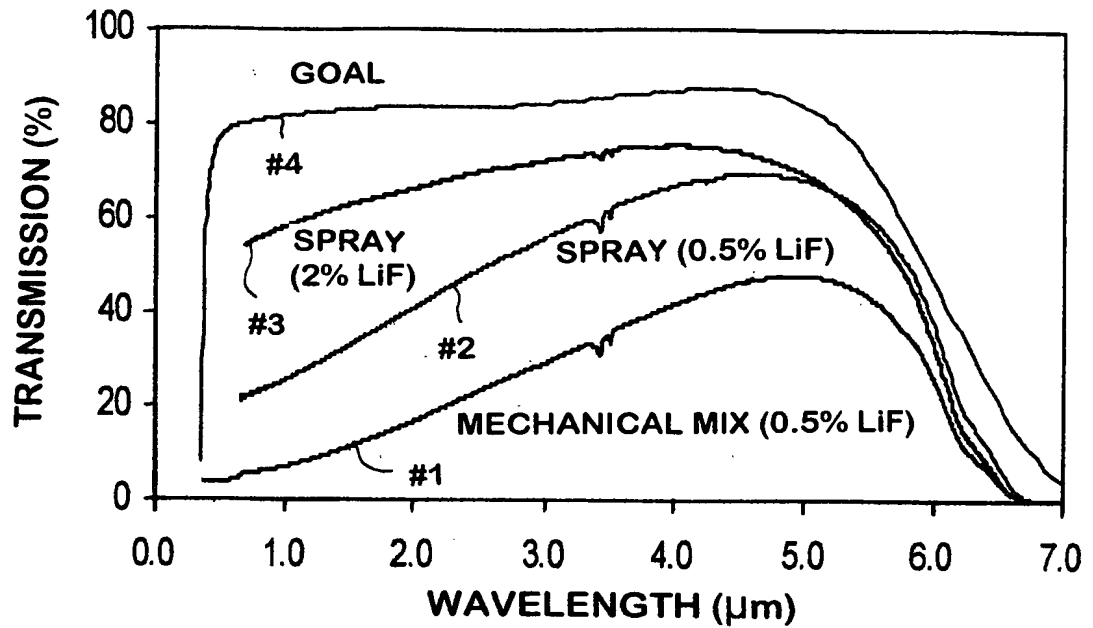
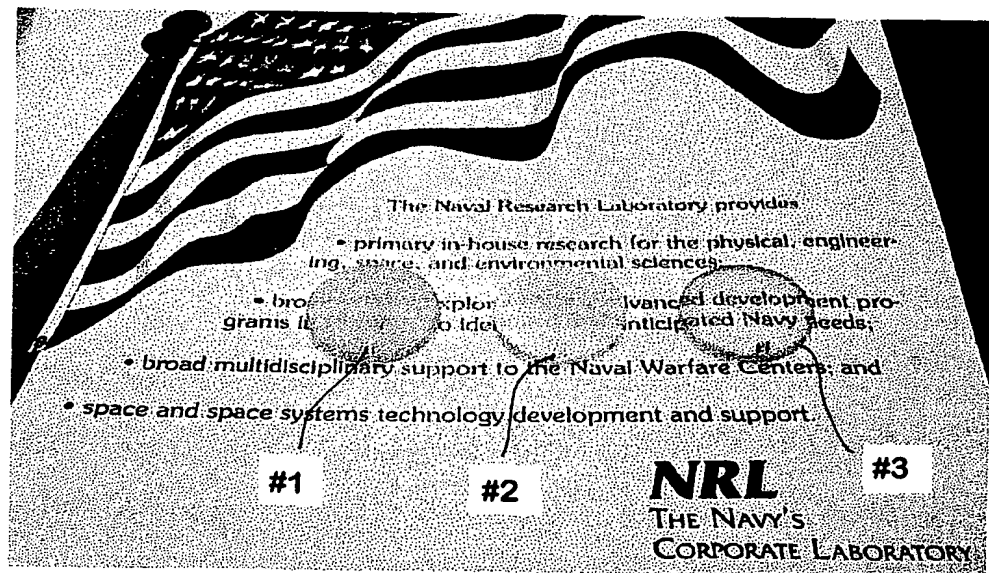


FIG. 3



1" DIAMETER BY ~ 1 mm THICKNESS

FIG. 4



	Mg - SPINEL	GLASS
DENSITY (g/cm ³)	3.58	2.51
ELASTIC MODULUS (GPa)	277	82
FLEXURE STRENGTH (MPa)	241	70
FRACTURE TOUGHNESS (MPa m ^{1/2})	1.7	1
HARDNESS (Kg/cm ²)	1210	610
TRANSMISSION RANGE (μm)	0.3-5.5	0.3-2

FIG. 5